

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference JGP/8429WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/ 02506	International filing date (day/month/year) 10/06/2003	(Earliest) Priority Date (day/month/year) 11/06/2002

Applicant

AIRBUS UK LIMITED

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.

4

None of the figures.

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

An aircraft is decelerated by applying a braking force to a wheel of the aircraft as it moves along the ground. An anti skid controller calculates the braking force to be applied by taking into account data (boxes 11a, 12a) relating to the vertical load transmitted between the ground and the wheel and data (boxes 11d, 11e and 12d) relating to the slip between the ground and the wheel. Predictions (box 13b) made regarding how the vertical load will change and data (box 13a) concerning the relationship between slip and the ground to wheel friction coefficient are both taken into account when calculating (boxes 13b, 14) the braking force to be applied. Skids may thereby be predicted in advance and may be reduced or even avoided.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/02506

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 1018548	A	26-01-1966	NONE	
US 4958512	A	25-09-1990	NO 881513 A AT 116610 T DE 68920431 D1 DE 68920431 T2 EP 0414715 A1 GB 2217025 A ,B HK 1007541 A1 JP 2933660 B2 JP 3504706 T NO 890663 A ,B, WO 8909710 A1 SE 501182 C2 SE 8801574 A US 5195808 A US 5249851 A	09-10-1989 15-01-1995 16-02-1995 06-07-1995 06-03-1991 18-10-1989 16-04-1999 16-08-1999 17-10-1991 09-10-1989 19-10-1989 05-12-1994 08-10-1989 23-03-1993 05-10-1993
GB 1077636	A	02-08-1967	FR 1378958 A FR 1407168 A GB 1077637 A JP 51040211 B DE 1271559 B US 3362757 A	20-11-1964 30-07-1965 02-08-1967 02-11-1976 27-06-1968 09-01-1968
US 5167385	A	01-12-1992	DE 3803015 A1 FR 2626688 A1	10-08-1989 04-08-1989
US 4613190	A	23-09-1986	NONE	

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/02506

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B60T8/00 B60T8/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 018 548 A (NORTH AMERICAN AVIATION INC) 26 January 1966 (1966-01-26) page 4, line 29 -page 5, line 81 page 8, line 1 -page 9, line 21; figure 2 ---	1-17
X	US 4 958 512 A (JOHNSEN ODDVARD) 25 September 1990 (1990-09-25) column 3, line 22 -column 4, line 53 column 5, line 36 -column 6, line 39 ---	1-17
X	GB 1 077 636 A (MATERIELS HISPANOSUIZA SOC D E) 2 August 1967 (1967-08-02) page 2, line 38 -page 3, line 125 ---	1-17
X	US 5 167 385 A (HAEFNER HANS W) 1 December 1992 (1992-12-01) column 5, line 19 -column 6, line 25 --- -/--	1,2, 5-10,12, 15-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

29 September 2003

Date of mailing of the international search report

10/10/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/02506

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 613 190 A (JOHNSON STUART E) 23 September 1986 (1986-09-23) column 6, line 9 -column 7, line 29 -----	1-4, 11-14